

**COMPOSITIONS AND METHODS FOR TREATING
CANCER AND HYPERPROLIFERATIVE DISORDERS**

5 **ABSTRACT OF THE INVENTION**

 Compositions and methods effective for eliciting
an immune response for inhibiting abnormal or undesirable cell
proliferation, particularly endothelial cell proliferation and
angiogenesis related to neovascularization and tumor growth
10 are provided. The compositions comprise a naturally occurring
or synthetic protein, peptide, or protein fragment containing all
or an active portion of a growth factor in a pharmaceutically
acceptable carrier. The preferred growth factors comprise basic
fibroblast growth factor and vascular endothelial growth factor.
15 The methods involve administering to a human or animal the
compositions described herein in a dosage sufficient to elicit an
immune response. The methods are useful for treating diseases
and processes mediated by undesired and uncontrolled cell
proliferation, such as cancer, particularly where uncontrolled
20 cell proliferation is influenced by the presence of growth
factors. Administration of the composition to a human or
animal having metastasized tumors is useful for preventing the
growth or expansion of such tumors.

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Attorney Docket: 05213-0077